



US ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF DRINKING WATER  
WASHINGTON, DC 20460

**UIC ANNUAL FEDERAL REPORTING SYSTEM  
PART III: MECHANICAL INTEGRITY OF  
EXISTING INJECTION WELLS**

*(This information is collected under the  
authority of the Safe Drinking Water Act)*

**I. DATE PREPARED  
(Mo, day, year)**

08-19-85

**II. STATE**

NY

**III. REGION**

II

**IV. REPORTING AGENCY**

Cargill, Inc. - Watkins Glen

**V. REPORTING PERIOD (Mo, year)**

FROM 8-85

TO 8-90

ITEM

**CLASS AND TYPE OF INJECTION WELLS**

I	II			III
	SWD 2D	ER 2R	HC 2H	

**VI. NUMBER OF EXISTING WELLS TESTED FOR MECHANICAL INTEGRITY**

Deficiency	1				0
Total	2				6

(1) TEST OF SIGNI- FICANT LEAK	A. Annulus Pressure Monitoring		Deficiency	Total				
			Deficiency					
			Total					
			Deficiency	1				0
			Total	2				6
			Deficiency					
			Total					
			Deficiency					
			Total					
E. Number of Wells Witnessed for Mechanical Integrity			0					0

**VII. MECHANICAL**

**INTEGRITY  
TESTING**

(2) TEST OF FLUID MOVE- MENT	Field Tests	F. Cementing Record Reviews		Deficiency	Total				
			G. Temperature Log	0					0
			Total	2				4	
			H. Noise Log						
			Total						
			I. Radioactive Tracer Log						
			Total						
			J. Cement Bond Log						0
			Total					2	
			K. Other Tests (Specify)						
			Total						
L. Number of Wells Witnessed for Mechanical Integrity			0					0	

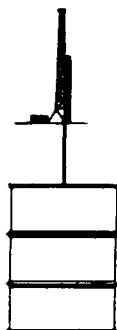
**VIII. REMEDIAL  
ACTION**

A. Casing Repaired/Squeeze Cement					
B. Tubing/Packer Repaired					
C. Plugging/Abandonment					
D. Other Remedial Actions					
E. Number of Wells Receiving Remedial Action	1				0

**IX. REMARKS (Attach additional sheets if necessary)**

Cargill's well 3 was unable to hold a satisfactory pressure test on the annulus. The well is equipped with FRP tubing and a packer which appear to hold pressure. Operation in the well has stopped and remedial work is planned.

All other wells indicated mechanical integrity in both parts of the test.



# LARRY SEVENKER

## Consulting Engineer

4148 LOIRE DR.  
KENNER, LA. 70065

(504) 468-1808

### MECHANICAL INTEGRITY TEST PRESSURE TEST

July 24, 1985

Company: Cargill, Inc.  
Address: 518 East Fourth Street  
Watkins Glen, NY 14891

Contact: Mr. Lyn Marshall / Mr. Chuck Sheppard  
Phone: (607) 535-2411

Test Date: 7-24-85

Test Location: 2  
Type Test: Well Annulus Test  
Number of Wells: 1 Well  
Gallery Wells Tested: 2  
Fluid in Test Well: Brine

#### Pressure Recordings

Time	Dead Wt Tester psi	Pressure Gauge psi	Pressure Recorder psi	Remarks
1:00 PM				Connect Gauges
1:15	25	25	28	Start Test
1:30	25	25	28	
1:45	25	25	28	
2:00	25	25	28	
2:15 PM	25	25	28	Complete Test
Change	0 psi	0 psi	0 psi	

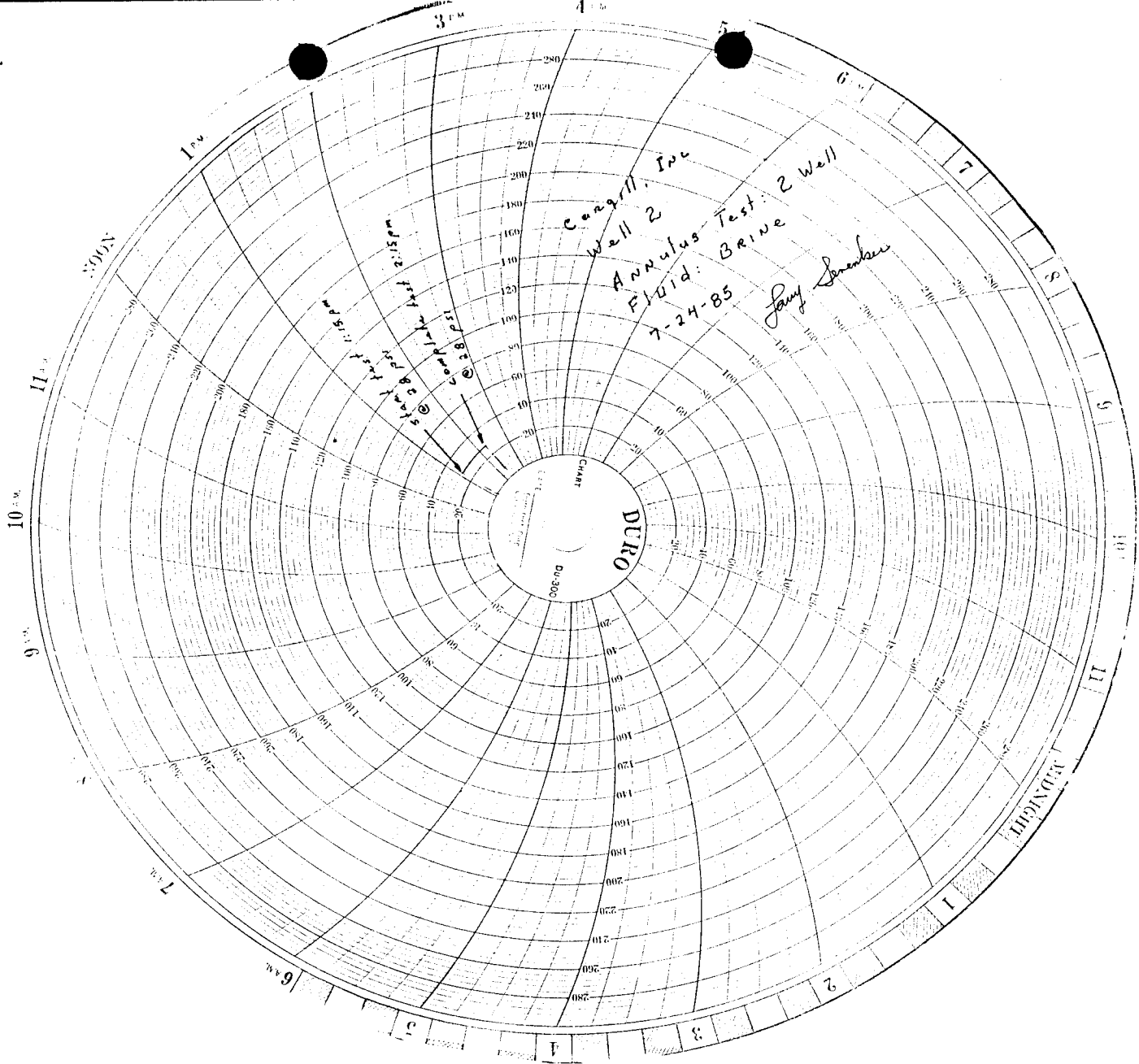
Test Results: 0 psi change in a 1.00 hour pressure test  
Well annulus held pressure within testing criteria  
of 5% change in a 1.00 hour test.

Test Conducted by:

Larry Sevenker  
Consulting Engineer

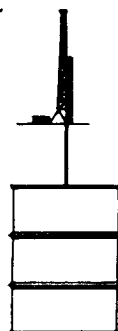
Larry Sevenker

Date: 7-24-85



Congrill, Inc  
Well 2  
Annulus Test: 2 Well  
Fluid: Brine  
7-24-85  
Gary S. Sorenson

1st 82  
2nd 82  
3rd 82  
4th 82  
5th 82  
6th 82  
7th 82  
8th 82  
9th 82  
10th 82  
11th 82  
12th 82



# LARRY SEVENKER

## Consulting Engineer

4148 LOIRE DR.  
KENNER, LA. 70065

(504) 468-1909

### MECHANICAL INTEGRITY TEST PRESSURE TEST

July 24, 1985

Company: Cargill, Inc.  
Address: 518 East Fourth Street  
Watkins Glen, NY 14891

Contact: Mr. Lyn Marshall / Mr. Chuck Sheppard  
Phone: (607) 535-2411

Test Date: 7-24-85

Test Location: 3  
Type Test: Well Annulus Test  
Number of Wells: 1 Well  
Gallery Wells Tested: 3  
Fluid in Test Well: Brine

#### Pressure Recordings

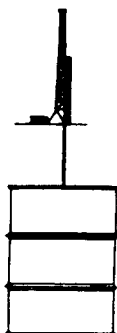
Time	Dead Wt Tester psi	Pressure Gauge psi	Pressure Recorder psi	Remarks
3:05 PM				Connect Gauges
3:15	25	25	28	Start Test
3:30	0	0	0	Annulus Leak
3:45	0	0	0	
4:00	0	0	0	
4:15 PM	0	0	0	Complete Test
Change	25 psi	25 psi	28 psi	

Test Results: Well #3 has a leak which prevents  
the completion of a satisfactory test.  
The tubing and packer appears to hold  
pressure.

Test Conducted by:

Larry Sevenker  
Consulting Engineer

Date: 7-24-85



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MECHANICAL INTEGRITY TEST  
PRESSURE TEST

July 18, 1985

Company: Cargill, Inc.  
Address: 518 East Fourth Street  
Watkins Glen, NY 14891

Contact: Mr. Lyn Marshall / Mr. Chuck Sheppard  
Phone: (607) 535-2411

Test Date: 7-18-85

Test Location: 10  
Type Test: Gallery System Test  
Number of Wells: 2 Wells  
Gallery Wells Tested: 10 & 12  
Fluid in Test Well: Water

Pressure Recordings

Time	Dead Wt Tester psi	Pressure Gauge psi	Pressure Recorder psi	Remarks
3:15 PM				Connect Gauges
3:15	215	220	220	Start Test
3:30	215	220	220	
3:45	215	220	220	
4:00	215	220	220	
4:15	215	220	220	
4:30 PM	215	220	220	Complete Test
Change	0 psi	0 psi	0 psi	

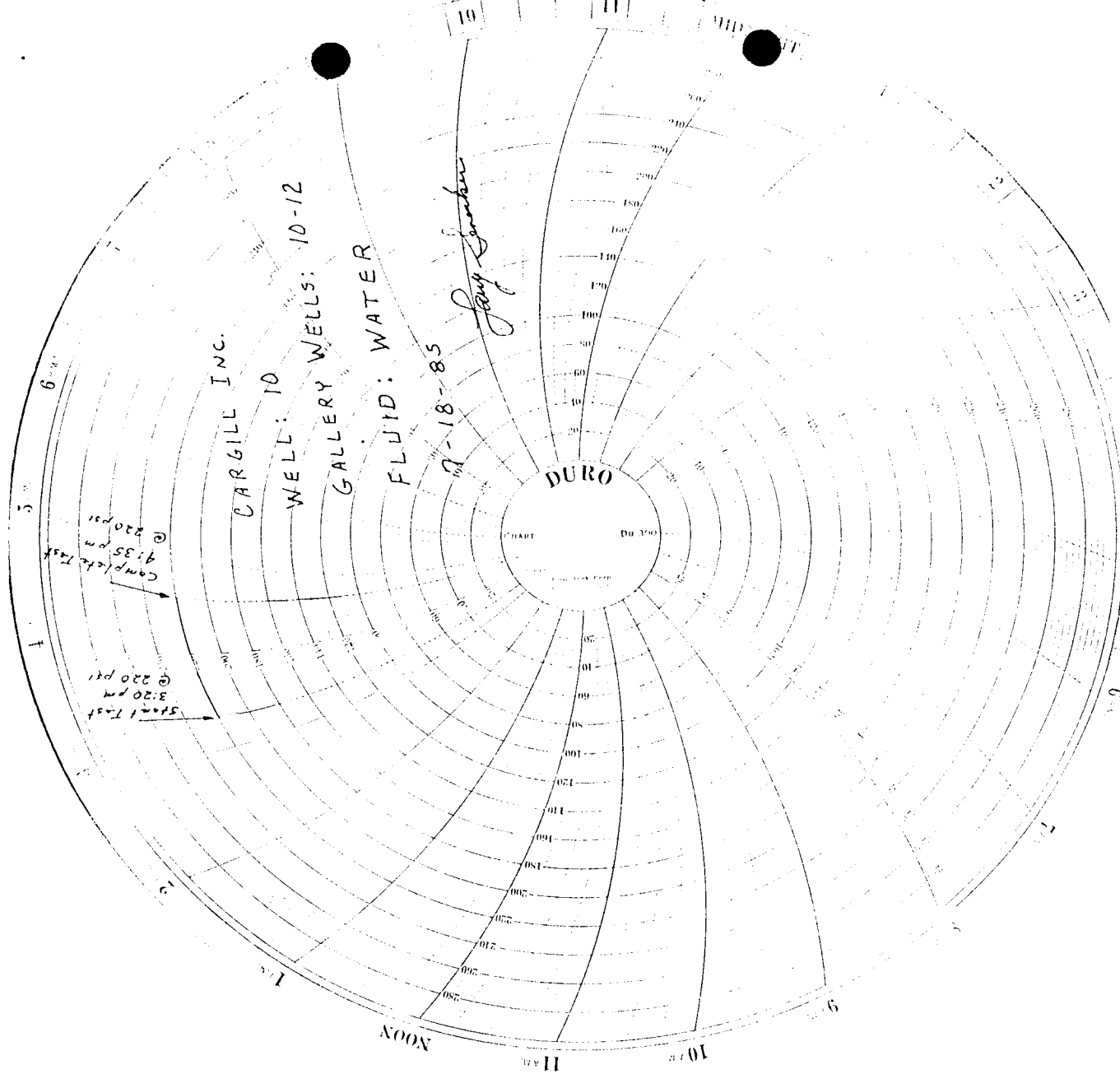
Test Results: 0 psi change in a 1.25 hour pressure test  
Gallery wells held pressure within testing criteria  
of 5% change in a 1.00 hour test.

Test Conducted by:

Larry Sevenker  
Consulting Engineer

*Larry Sevenker*

Date: 7-18-85



CARGILL INC.

WELL: 10

GALLERY WELLS: 10-12

FLUID: WATER

7-18-85

J. J. Jenkins

DURO

Complete Test @ 220 psi 4:35 pm

Start Test @ 220 psi 3:20 pm

10

11

12

1

2

3

4

5

6

7

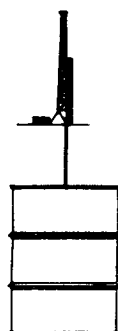
8

9

10

11

12



# LARRY SEVENKER

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### MECHANICAL INTEGRITY TEST PRESSURE TEST

July 22, 1985

Company: Cargill, Inc.  
Address: 518 East Fourth Street  
Watkins Glen, NY 14891

Contact: Mr. Lyn Marshall / Mr. Chuck Sheppard  
Phone: (607) 535-2411

Test Date: 7-22-85

Test Location: 14  
Type Test: Gallery System Test  
Number of Wells: 3 Wells  
Gallery Wells Tested: 13, 14 & 16  
Fluid in Test Well: Water

#### Pressure Recordings

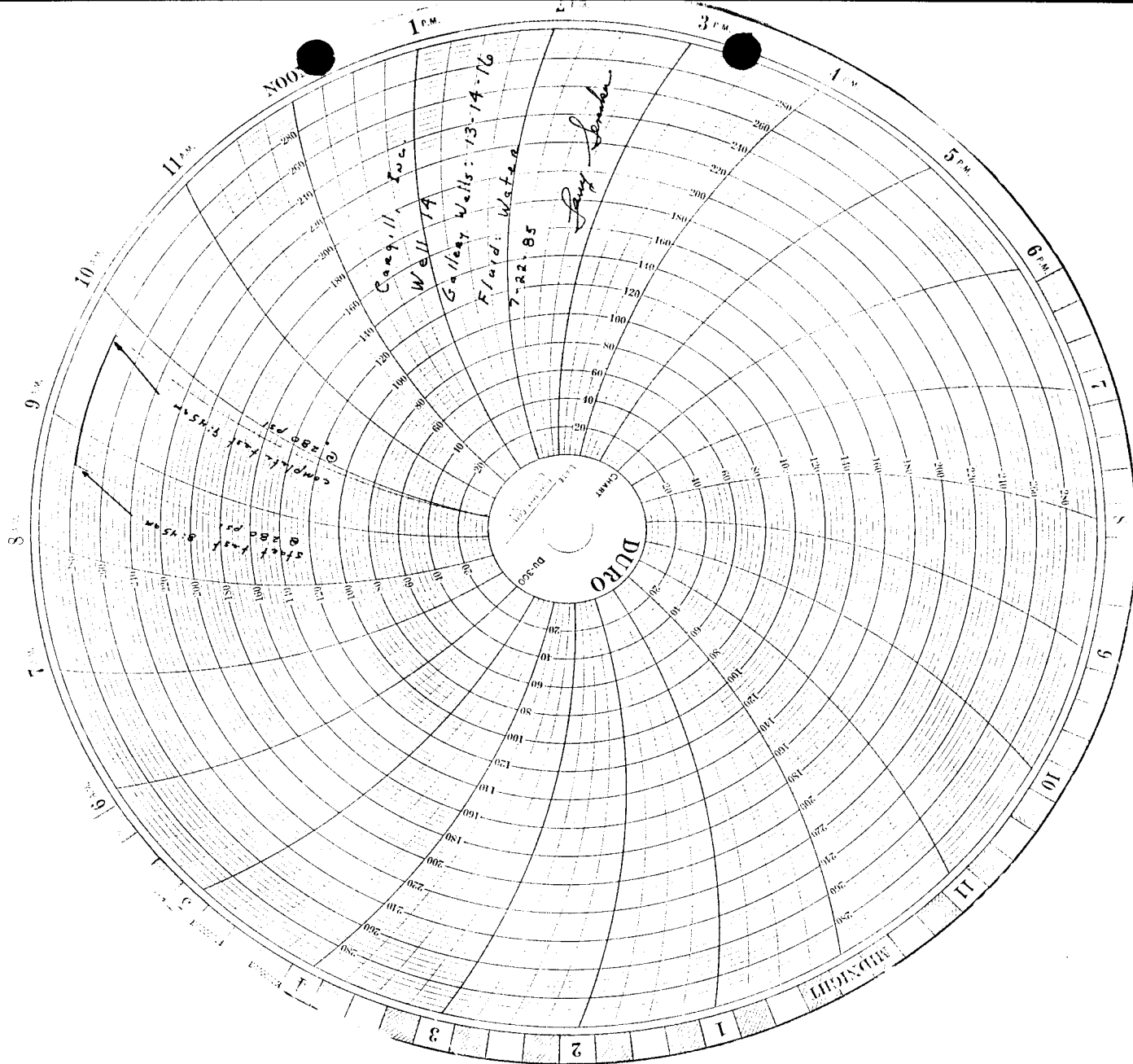
Time	Dead Wt Tester psi	Pressure Gauge psi	Pressure Recorder psi	Remarks
8:35 AM				Connect Gauges
8:45	285	285	280	Start Test
9:00	285	285	280	
9:15	285	285	280	
9:30	285	285	280	
9:45 PM	285	285	280	Complete Test
Change	0 psi	0 psi	0 psi	
Test Results: 0 psi change in a 1.00 hour pressure test Gallery wells held pressure within testing criteria of 5% change in a 1.00 hour test.				

Test Conducted by:

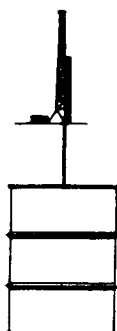
Larry Sevenker  
Consulting Engineer

  
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Date: 7-22-85







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MECHANICAL INTEGRITY TEST  
PRESSURE TEST

July 24, 1985

Company: Cargill, Inc.  
Address: 518 East Fourth Street  
Watkins Glen, NY 14891

Contact: Mr. Lyn Marshall / Mr. Chuck Sheppard  
Phone: (607) 535-2411

Test Date: 7-24-85

Test Location: 15  
Type Test: Individual Well Test  
Number of Wells: 1 Well  
Gallery Wells Tested: 15  
Fluid in Test Well: Water

Pressure Recordings

Time	Dead Wt Tester psi	Pressure Gauge psi	Pressure Recorder psi	Remarks
10:30 AM				Connect Gauges
11:00	105	105	109	Start Test
11:15	105	105	109	
11:30	105	105	109	
11:45	105	105	109	
12:00 PM	105	105	109	Complete Test
Change	0 psi	0 psi	0 psi	

Test Results: 0 psi change in a 1.00 hour pressure test  
Gallery wells held pressure within testing criteria  
of 5% change in a 1.00 hour test.

Test Conducted by:

Larry Sevenker  
Consulting Engineer

Larry Sevenker

Date: 7-17-85

